

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	881	137/597.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:09
S6	0	polyhederal valve	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:33
S7	850	polyhederal and valve	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:33
S8	60	polyhederal and valve. ab.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:33
S9	2	polyhederal.ab. and valve.ab.	US-PGPUB; USPAT	ADJ	ON	2008/01/09 17:33
S10	1	137/597.ccls. and polyhederal	US-PGPUB; USPAT	ADJ	ON	2008/04/01 15:17
S11	102	137/597.ccls. and valve and diaphragm	US-PGPUB; USPAT	ADJ	ON	2008/04/01 15:19
S12	251	fukagawa.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:32
S13	8	fukagawa-mitsuru.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:32
S14	0	KAI SHA-WATANABE- SHOKO.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:33
S15	1	Kkabushiki.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:33
S16	226301	Kabushiki.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:33
S17	426	Kabushiki-kaisha.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:34
S18	0	Kabushiki-kaisha- watanabe.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:34
S19	52707	Kabushiki-kaisha-\$.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:34
S20	5342	Kabushiki-kaisha-\$.as. and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:34
S21	343	Kabushiki-kaisha-\$.as. and valve AND diaphragm	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:34
S22	34	Kabushiki-kaisha-\$.as. and valve AND diaphragm.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:35
S23	354	Kabushiki-kaisha-\$.as. and valve.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:35

S24	69	Kabushiki-kaisha-\$.as. and valve.ti. and diaphragm	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:36
S25	0	watanabe.as. and valve. ti. and diaphragm	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 15:36
S26	12	monoblock.ab. and valve.ab.	US-PGPUB; USPAT	ADJ	ON	2008/04/01 15:50
S27	4	"06117559"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2008/04/01 15:53
S28	4	"08005000"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2008/04/01 15:55
S29	4	"10110849"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2008/04/01 15:56
S30	3	"11288926"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2008/04/01 15:58
S31	0	F17D1/08.ipc	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:01
S32	13	F17D1/08.ipc.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:01
S33	0	F17D1/08.cipc.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:02
S34	1566	H01L21/31.ipc.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:02
S35	0	H01L21/31.ipc. adn diaphragm and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:02
S36	2	H01L21/31.ipc. and diaphragm and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:02
S37	49	F16K27/00.ipc.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:03
S38	3799	((plural\$3 or multiple or multiplicity) adj2 valve) and diaphragm	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:04
S39	271	((plural\$3 or multiple or multiplicity) adj2 valve) adj2 (one or single)) and diaphragm	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/01 16:05
S40	578	137/597.ccls. and valve	US-PGPUB; USPAT	ADJ	ON	2008/04/02 14:55
S41	49	137/597.ccls. and ((two outlet) with valve)	US-PGPUB; USPAT	ADJ	ON	2008/04/02 14:55
S42	0	mainfold and ((multiple valve) with single)	US-PGPUB; USPAT	ADJ	ON	2008/04/02 15:02

S43	2	137/597.ccls. and ((multiple valve) with single)	US-PGPUB; USPAT	ADJ	ON	2008/04/02 15:02
S44	1	137/597.ccls. and ((multiplic\$3 adj3 valve) with single)	US-PGPUB; USPAT	ADJ	ON	2008/04/02 15:03
S45	0	137/597.ccls. and ((pluralit\$3 adj3 valve) with single)	US-PGPUB; USPAT	ADJ	ON	2008/04/02 15:03
S46	11	137/597.ccls. and ((pluralit\$3 adj3 valve) with single)	US-PGPUB; USPAT	ADJ	ON	2008/04/02 15:04
S47	28	137/597.ccls. and ((pluralit\$3 or multipl \$5) adj3 valve) and cleaning	US-PGPUB; USPAT	ADJ	ON	2008/04/02 15:05
S48	13	"4453417"	US-PGPUB; USPAT	ADJ	ON	2008/04/02 15:10
S49	7	"6112767"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 15:33
S50	15	"6085283"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 15:34
S51	6	"6009758"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 15:34
S52	1799	137/607.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 15:58
S53	24421	switch\$3 with (control \$3 valve)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:00
S54	6590	switch\$3 near2 (control \$3 valve)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:00
S55	56	switch\$3 near2 (control \$3 valve) and faucet	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:01
S56	1620	switch\$3 near2 (control \$3) and faucet	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:04
S57	74	switch\$3 near2 (control \$3) and faucet.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:05
S58	188	switch\$3 near2 (control \$3) and faucet.ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:05
S59	3437	137/606,607.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:30
S60	51	137/606,607.ccls. and (two outlet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/02 16:30
S61	2	("3251378").URPN.	USPAT	ADJ	ON	2008/04/02 16:33
S62	0	minami-y\$-.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 09:27
S63	2407	minami.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 09:27

S64	0	minami-youkio.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 09:27
S65	44	minami-yukio.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 09:27
S66	102	SAITO-YOSHIO.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:19
S67	20	SAITO-YOSHIO.in. and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:19
S68	0	NI SHINO-YUTAKA.in. and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:20
S69	0	NI SHINO-YUTAKA-\$..in. and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:20
S70	215	NI SHINO-.in. and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:20
S71	215	NI SHINO.in. and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:20
S72	4154	block valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:40
S73	0	block valve and (two outlets)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:40
S74	89	block valve and (two outlets)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 11:41
S75	518	block valve and diaphragm	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:00
S76	21	block valve and diaphragm and (two (output or outlet))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:04
S77	6	("20030101938"   "20030196603"   "20060270222"   "5362328"   "5620524"   "7192486").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:09
S78	1	("5373737").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:10
S79	287	block valve and (plurality or multiple) valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:12
S80	132	block valve and ((plurality or multiple) valve with (single or one))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:13
S81	6	(block valve).ab. and ((plurality or multiple) valve with (single or one))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:13
S82	2096	(connect\$3 adj3 sealing) with valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:50

S83	21	(connect\$3 through adj3 sealing) with valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 12:51
S84	0	conduit adj2 sealgin adj3 valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 13:10
S85	84	conduit adj2 sealing adj3 valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 13:10
S86	25	flange connection valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 14:04
S87	0	(flange connection valve) with tank	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 14:04
S88	8	(flange connection with valve) with tank	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 14:04
S89	1	(flange connection near3 valve) with tank	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 14:05
S90	2	(flange connection near3 valve) with leak	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 14:05
S91	101	(connection near3 valve) with leak with seal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 14:06
S92	1489	(surface tension) with cleaning	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 15:49
S93	0	(surface tension) with cleaning with micro \$1fluid\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 15:49
S94	1	(surface tension) with cleaning and micro \$1fluid\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 15:50
S95	9	(surface tension) with cleaning with conduit	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 15:50
S96	88	(surface tension) with cleaning with small	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 15:52
S97	4	(surface tension) with purge gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 15:54
S98	5	(surface tension) with purging gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 15:55
S99	0	(surface tension) with clean\$3 with gas microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:00
S100	0	(surface tension) with clean\$3 with gas with microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:00
S101	0	(surface tension) with clean\$3 with microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:00
S102	0	(surface tension) with flush\$3 with microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:00

S103	0	(surface tension) with purg\$3 with microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:00
S104	0	(surface tension) with purg\$3 with microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:00
S105	0	(surface tension) with purg\$3 with semi-conductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:01
S106	0	(surface tension) with purg\$3 and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:01
S107	0	(surface tension) with purg\$3 and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:01
S108	14	(surface tension) with purg\$3 and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 16:01
S109	721	(surface tension) with clean\$3 and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:33
S110	4	(surface tension) with clean\$3 and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:33
S111	0	(surface tension) with purg and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:34
S112	0	(surface tension) with purg\$3 and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:34
S113	0	(surface tension) with flush\$3 and microfluidic	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:34
S114	26	(surface tension) with flush\$3 and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:34
S115	66	(surface tension) with clean\$3 with (air or gas) and semiconductor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:35
S116	5	"6418800"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/03 17:58
S117	1	"6767001"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/07 08:34

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